

WHAT IS CLAIMED IS:

1. A circuit arrangement for an electric appliance, having a control device (10) and a power supply unit (12) connected with an electric current supply connector (L, N) for providing controlled functional units of the electric appliance with current, wherein a switch (14) on the electric current supply connector (L, N) can cut off the power supply unit (12) from the electric current supply connector (L, N) on a primary side, the circuit arrangement comprising:

the switch (14) having a piezo switch which is open in a non-activated state.

2. The circuit arrangement in accordance with claim 1, wherein the piezo switch (14) is connected with a power semiconductor circuit (16) which, when the piezo switch (14) is operated, connects the control device (10) for activation with the electric power supply connector (L, N).

3. The circuit arrangement in accordance with claim 2, wherein when the piezo switch (14) is actuated, a brief voltage for activating the power semiconductor circuit (16) is generated at the piezo switch (14) due to actuating force exerted on the piezo switch (14).

4. The circuit arrangement in accordance with claim 3, wherein the power semiconductor circuit (16) has at least one of a triac and a triode alternating current switch.

5. The circuit arrangement in accordance with claim 4, wherein the activated power semiconductor circuit (16) connects the control device (10) with the electric power supply connector (L, N) via the power supply unit (12).

6. The circuit arrangement in accordance with claim 5, wherein for maintaining the current supply for the electric appliance during operation, the control device (10) is connected with a lock-in circuit (18) that can be activated by the control device (10).

7. The circuit arrangement in accordance with claim 4, wherein the lock-in circuit has at least one thyristor.

8. The circuit arrangement in accordance with claim 5, wherein the lock-in circuit has at least one of an electro-mechanical relay and a Reed relay.

9. The circuit arrangement in accordance with claim 8, wherein the control device (10) is connected with a semiconductor circuit for cutting off the control device (10) from the electric power supply connector (L, N).

10. The circuit arrangement in accordance with claim 9, wherein the control device (10) deactivates the lock-in circuit (18) for cutting off the electric power supply connector (L, N) and for switching off the electric appliance.

11. The circuit arrangement in accordance with claim 2, wherein the power semiconductor circuit (16) has at least one of a triac and a triode alternating current switch.

12. The circuit arrangement in accordance with claim 3, wherein the activated power semiconductor circuit (16) connects the control device (10) with the electric power supply connector (L, N) via the power supply unit (12).

13. The circuit arrangement in accordance with claim 1, wherein for maintaining the current supply for the electric appliance during operation, the control device (10) is connected with a lock-in circuit (18) that can be activated by the control device (10).

14. The circuit arrangement in accordance with claim 13, wherein the lock-in circuit has at least one thyristor.

15. The circuit arrangement in accordance with claim 4, wherein the lock-in circuit has at least one of an electro-mechanical relay and a Reed relay.

16. The circuit arrangement in accordance with claim 1, wherein the control device (10) is connected with a semiconductor circuit for cutting off the control device (10) from the electric power supply connector (L, N).

17. The circuit arrangement in accordance with claim 2, wherein the control device (10) deactivates the lock-in circuit (18) for cutting off the electric power supply connector (L, N) and for switching off the electric appliance.